

Appendix B

FIELD EXPLORATION

Edgar Tillet Park - Main Water Line (05-05-0088)
Loudoun County , Virginia
Auger Probe Summary

Probe Number	Location	Soil Profile Description	Sample Depths	Notes:
AP-1	See site plan	0.0'-1.0' Brown TOPSOIL, trace organics, roots, slightly moist. 1.0'-2.5' Brown clayey SILT, low plasticity, slightly moist. 2.5' Gray DIABASE, very dense, dry Test Pit Terminated at 2.5'		RESIDUAL
AP-2	See site plan	0.0'-1.0' Brown TOPSOIL, trace organics, moist. 1.0'-2.5' Brown clayey SILT, low plasticity, moist. 2.5' Gray DIABASE, very dense, dry Test Pit Terminated at 2.5'		RESIDUAL
AP-3	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, roots, moist. 0.5'-2.0' Tan clayey SILT, low plasticity, moist. 2.0' Gray DIABASE, very dense, dry Test Pit Terminated at 2.0'		RESIDUAL
AP-4	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'- 2.0' Brown clayey SILT, low plasticity, moist. 2.0' Gray DIABASE, very dense, dry Test Pit Terminated at 2.0'		RESIDUAL

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AP-5	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, roots, moist. 0.5'-2.0' Brown clayey SILT, low plasticity, moist. 2.0' Gray DIABASE, very dense, dry Test Pit Terminated at 2.0'		RESIDUAL
AP-6	See site plan	0.0'-0.4' Brown TOPSOIL, trace organics, moist. 0.4'-2.0' Brown clayey SILT, low plasticity, moist. 2.0' Gray DIABASE, very dense, dry Test Pit Terminated at 2.0'		RESIDUAL
AP-7	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'-5.0' Brown clayey SILT and silty CLAY, low plasticity, moist. Test Pit Terminated at 5.0'	3.0' to 5.0'	Bulk Proctor sample obtained RESIDUAL
AP-8	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'- 5.0' Brown clayey SILT and silty CLAY, low plasticity, moist. Test Pit Terminated at 5.0'	3.0' to 5.0'	Bulk Proctor sample obtained RESIDUAL

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Probe Number	Location	Soil Profile Description	Sample Depths	Notes:
AP-9	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, roots, slightly moist. 0.5'-1.5' Brown clayey SILT, low plasticity, moist. 1.5' Gray DIABASE, very dense, dry Test Pit Terminated at 1.5'		RESIDUAL
AP-10	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'-1.5' Brown clayey SILT, low plasticity, moist. 1.5' Gray DIABASE, very dense, dry Test Pit Terminated at 1.5'		RESIDUAL
AP-11	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'-4.0' Brown-gray clayey SILT, low plasticity, moist. 4.0'-5.0' Fractured gray DIABASE, very dense, dry Test Pit Terminated at 5.0'	3.0' to 4.0'	Bulk Proctor sample obtained RESIDUAL
AP-12	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'- 5.0' Brown clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'	3.0' to 5.0'	Bulk Proctor sample obtained Probe location offset 10' to the north due to bog RESIDUAL

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AP-13	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, roots, slightly moist. 0.5'-5.0' Brown clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'	3.0' to 5.0'	Bulk Proctor sample obtained RESIDUAL
AP-14	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'-4.0' Brown clayey SILT, low plasticity, moist. 4.0'-5.0' Red-brown clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'		RESIDUAL
AP-15	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'-5.0' Brown clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'	3.0' to 5.0'	Bulk Proctor sample obtained RESIDUAL
AP-16	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'- 5.0' Light brown clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'		RESIDUAL

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Probe Number	Location	Soil Profile Description	Sample Depths	Notes:
AP-17	See site plan	0.0'-0.8' Brown TOPSOIL, trace organics, roots, moist. 0.8'-4.0' Light brown clayey SILT, low plasticity, moist. 4.0'-5.0' Dark gray clayey SILT, low plasticity, slightly moist. Test Pit Terminated at 5.0'		RESIDUAL
AP-18	See site plan	0.0'-0.5' Brown TOPSOIL, trace organics, moist. 0.5'-5.0' Brown-gray clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'		RESIDUAL
AP-19	See site plan	0.0'-5.0' Brown clayey SILT, low plasticity, moist. Test Pit Terminated at 5.0'		RESIDUAL